In the Claims

For the convenience of the Examiner, all pending claims of the present Application are shown below in numerical order whether or not an amendment has been made.

1.   **(Currently Amended)** A Web Services Directory comprising:

a computer-readable medium; and

a processor, the processor configured to execute a program of instructions encoded on the computer-readable medium, the program of instructions comprising:

a directory module that implements a Universal Description, Discovery, and Integration (UDDI) registry in a Lightweight Directory Access Protocol (LDAP) directory, the directory module operable to:

generate at least one Business Entity object in the LDAP directory based on a UDDI Business Entity element; [[and]]

generate at least one User object in the LDAP directory based on a UDDI account, wherein the at least one Business Entity object is arranged under the at least one User object in the LDAP directory, and wherein the at least one User object comprises security information defining what objects a user has access to in a hierarchical directory, and wherein the at least one User object grants access to the user based on the security information;

receive a UDDI registry query; and

generate a UDDI response based on data in the at least one Business Entity object and the at least one User object in the LDAP directory.

2.   **(Currently Amended)** The Web Services directory as recited in claim 1, the ~~program of instructions further comprising~~ directory module further operable to:

generate at least one Business Service object; and

generate at least one Binding Template object, wherein the at least one Business Service object is arranged under the at least one Business Entity object, and the at least one Binding Template object is arranged under the at least one Business Service object.

3.   (**Original**) The Web Services directory as recited in claim 1, wherein the at least one Business Entity object is arranged under the at least one User object by virtue of at least one corresponding User Child object.

4.   (**Currently Amended**) The Web Services directory as recited in claim 1, the ~~program of instructions further comprising~~ directory module further operable to generate at least one Domain object, wherein the at least one User object is arranged under the at least one Domain object.

5.   (**Original**) The Web Services directory as recited in claim 1, further comprising apparatus adapted to implement the Web Services directory, and in which Directory Services are invoked.

6.   (**Canceled**)

7.   (**Canceled**)

8.   **(Currently Amended)** A Web Services system comprising:

a registry in which businesses may register, the registry comprising a ~~hierarchical directory comprising~~ directory module that implements a Universal Description, Discovery, and Integration (UDDI) registry in a Lightweight Directory Access Protocol (LDAP) directory, the directory module operable to:

generate at least one Domain object, wherein the at least one Domain object comprises a directory prefix name, and the at least one Domain object is a root object of the ~~hierarchical~~ LDAP directory;

generate at least one User object in the LDAP directory based on a UDDI account, wherein the at least one User object identifies a user account for managing at least one Business Entity object arranged under the at least one User object, and the at least one User object is arranged under the at least one Domain object in the LDAP directory, and wherein the at least one User object comprises security information defining what objects a user has access to in the ~~hierarchical~~ LDAP directory, and wherein the at least one User object grants access to the user based on the security information; the at least one Business Entity object comprising at least one business name and at least one business contact, the at least one business contact comprising at least one business address;

receive a UDDI registry query; and

generate a UDDI response based on data in the at least one Domain object and the at least one User object in the LDAP directory; and

a storage system for storing business information and accessible via the ~~hierarchical~~ LDAP directory.

9.   **(Currently Amended)** The Web Services system as recited in claim 8, the ~~hierarchical directory further comprising~~ directory module further operable to:

generate at least one Business Service object, wherein the at least one Business Service object comprises data identifying a technical service, and the at least one Business Service object is arranged under the at least one Business Entity object; and

generate at least one Binding Template object, wherein the at least one Binding Template object comprises data identifying a plurality of service specifications, and the at least one Binding Template object is arranged under the at least one Business Service object.

10.   (**Currently Amended**) The Web Services system as recited in claim 9, the
~~hierarchical directory further comprising~~ directory module further operable to generate at
least one TModel object, wherein the at least one TModel object comprises a keyed reference
to the at least one Binding Template object, and the at least one TModel object is arranged
under the at least one User object.